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Lemaire et al.

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[54] **POLYMERS DERIVED FROM FLUORINATED THIOPHENES, AND CONDUCTIVE POLYMERS DERIVED THEREFROM**

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[52] **U.S. Cl.** 528/377; 252/500; 549/62; 549/81

[58] **Field of Search** 528/377, 380; 549/62, 549/81

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[57] **ABSTRACT**

The invention relates to thiophenes substituted by an alkoxy group containing at least one fluorine atom.

The invention also relates to the polymers derived from these substituted thiophenes and to the electrically conductive polymers containing these polymers.

The invention also relates to processes for obtaining these thiophenes, these polymers and these electrically conductive polymers.

The invention also relates to the uses of these thiophenes, of these polymers and of these electrically conductive polymers as well as to the devices containing the polymers and the electrically conductive polymers.

5 Claims, 3 Drawing Sheets

